
From: Sukys, Raymond (FTA)
To: Bill Tsiforas; 'Mantych, Timothy'
CC: Luu, Catherine (FTA); Zelasko, Elizabeth (FTA); Matley, Ted (FTA)
Sent: 5/21/2010 5:56:40 AM
Subject: RE: HI Project briefing by the PMOC

I may have asked you this but I don't recall how they are dealing with back-up power in the event of an outage with passengers between stations. Are there Emergency Power Back-up Units that are diesel? These can be costly to muffle and are annoying since they require periodic testing. Do they have some other plan?

From: Bill Tsiforas [mailto:tsiforas@rtcshv.com]
Sent: Thursday, May 20, 2010 5:49 PM
To: Marler, Renee (FTA); Luu, Catherine (FTA); Nguyen, Kim (FTA); Ryan, James (FTA); Carranza, Edward (FTA); Matley, Ted (FTA); Sukys, Raymond (FTA); Timothy.Mantych@jacobs.com; Tahir, Nadeem (FTA)
Cc: Rogers, Leslie (FTA)
Subject: RE: HI Project briefing by the PMOC

Hi Rene,

The AFEIS Chapter 4, Appendix B "Preliminary Alignment Plans and Profiles" and Appendix C "Preliminary Right of Way Plans" identifies the Traction Power Substation (TPSS) locations. The AFEIS provides preliminary information in Chapter 4 regarding TPSS's as it relates to visual elements and aesthetics "Section 4.8.3", energy and electric and magnetic fields "Section 4.11", noise and vibration assessment methodology "page 4-116, 4th paragraph" and construction energy consumption "Section 4.18.6". Each of the sections mentioned above provides a mitigation strategy and how to minimize impacts. Jacobs comment 11 on the FEIS provided to the FTA on May 9, 2010 mentions that Appendices B & C are missing substation numbers 7, 13, 14, 15, 16, 17, 18 and there are no substations shown for the MSF, which may require two substations. It is my opinion that the General Engineering Consultant (GEC) provided conceptual TPSS locations for the AFEIS and the City will utilize the Core System Contract (CSC) once they are selected to verify the locations and exact number of TPSS locations needed for the project.

The Core System Contract (CSC) Design Build Operate Maintain (DBOM) contractor will develop the design for the systems elements for the entire project which includes traction power, train control and communications. Request For Proposal (RFP) Part 1 for the CSC was issued on April 8, 2009. Three offerors submitted proposals under RFP Part 1 with all three having been approved by the City to receive RFP Part 2 by the City. RFP Part 2 was issued on August 17, 2009. Proposals are due on June 14, 2010 and are valid for 180-days from receipt. The City will consider requesting a Best and Final Offer. The City expects to award the contract in September 2010. However, the City has indicated that they will not award this contract until after receipt of a ROD. Jacobs just received the RFP Part II documents for the CSC contract last week, which is currently under review by the PMOC.

In the RFP Part II documents Technical Provisions -1 Core System Description Section TP-1.2.1 states " The CSC shall coordinate and manage the interfaces with other HHCTCP contracts. Initially this interface requirement will require early coordination with the West Oahu/Farrington (WOFH) Highway DB Contract". The CSC contractor will be responsible for adherence to the Design Criteria and specifications as provided in the RFP Part II documents. The CSC will design, manufacture, install, test and commission the traction electrification equipment and cabling necessary.

The WOFH contract Special Provisions (SP) also states for Kiewit to coordinate and manage the interfaces with other HHCTCP contracts as well. As soon as the CSC contractor is selected and their design is developed to a sufficient level (typically 30% - 60% level) the CSC will coordinate with the WOFH design team to provide the TPSS locations and all the connections to the power contact rail and running rails that are provided by the WOFH contract. The CSC contractor will be responsible for installing the TPSS's and getting the necessary power from Hawaiian Electric Company (HECO) as well as all the underground trenching for all the electrical work that needs to be installed from the TPSS location to the elevated guideway (WOFH contract). Since the CSC design has not started yet it is difficult to say if the CSC contractor will install the electrical conduits on the elevated guideway or if the WOFH contract will install the conduits or the tie in locations. The same coordination will be needed for the other CSC system elements which

include train control and communication elements as well.

Bottom line, Kiewit will need to coordinate with the CSC contract regarding the substation locations and the other CSC system elements required per the contract requirements. Since the WOFH contract is a six mile elevated guideway it shouldn't be difficult for the CSC design team to coordinate with the WOFH contractor to provide with the interim design details needed. Hopefully, this response answers your questions. If you need additional information please don't hesitate to contact me.

Best regards,

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From: Renee.Marler@dot.gov [mailto:Renee.Marler@dot.gov]
Sent: Thursday, May 20, 2010 11:17 AM
To: Catherine.Luu@dot.gov; Kim.Nguyen@dot.gov; James.Ryan@dot.gov; Edward.Carranza@dot.gov; Ted.Matley@dot.gov; Raymond.Sukys@dot.gov; Bill Tsiforas; Timothy.Mantych@jacobs.com; Nadeem.Tahir@dot.gov
Cc: Leslie.Rogers@dot.gov
Subject: RE: HI Project briefing by the PMOC

I have a meeting that conflicts with this call but have an immediate question relating to our review on the AFEIS:

Has the City identified the location of traction power substations? Their location and impacts are not in the AFEIS. How does the Kiewit contract and the design-build approach address locating these substations? Subsequent contracting?

Thanks. Renee

-----Original Appointment-----

From: Luu, Catherine (FTA)
Sent: Wednesday, May 19, 2010 1:18 PM
To: Nguyen, Kim (FTA); Ryan, James (FTA); Carranza, Edward (FTA); Marler, Renee (FTA); Matley, Ted (FTA); Sukys, Raymond (FTA); Luu, Catherine (FTA); Tsiforas, Bill (RTC NV); Mantych, Timothy; Tahir, Nadeem (FTA)
Cc: Rogers, Leslie (FTA)
Subject: HI Project briefing by the PMOC
When: Thursday, May 27, 2010 12:00 PM-1:30 PM (GMT-08:00) Pacific Time (US & Canada).
Where:

Date: Thursday 5/27/10

Time 12 PM (PST) or 3 PM (EST)

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